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No. 1N200324E.JON0001

TECHNICAL DATA

S.NO.	Certification/Class (Standard)	Product: KN95 (GB2626-2006) WITH VALVE
1	Filter performance – (must be \geq X% efficient)	$\geq 95\%$
2	Test agent	NaCl and paraffin oil
3	Flow rate	90 L/min
4	Total inward leakage (TIL)* – tested on human subjects each performing exercises	$\leq 8\%$ leakage (arithmetic mean)
5	Inhalation resistance – max pressure drops	≤ 70 Pa (at 30 L/min) ≤ 240 Pa (at 95 L/min) ≤ 500 Pa (clogging)
6	Flow rate	Varied – see above
7	Exhalation resistance - max pressure drop	≤ 300 Pa
8	Flow rate	160 L/min
9	Exhalation valve leakage requirement	Depressurization to 0 Pa ≥ 20 sec
10	Force applied	-1180 Pa
11	CO2 clearance requirement	$\leq 1\%$
12	Breathing resistance	Inhalation resistance at 30l/min:<0.8mbar. Inhalation resistance at 95l/min:<2.6mbar. Exhalation resistance at160l/min:<3.2mbar.

Definitions Filter performance – the filter is evaluated to measure the reduction in concentrations of specific aerosols in air that passes through the filter.

Test agent - the aerosol that is generated during the filter performance test.

Total inward leakage (TIL) – the amount of a specific aerosol that enters the tested respirator facepiece via both filter penetration and face seal leakage, while a wearer performs a series of exercises in a test chamber.

Inward leakage (IL)– the amount of a specific aerosol that enters the tested respirator facepiece, while a wearer performs a normal breathing for 3 minutes in a test chamber. The test aerosol size (count median diameter) is about 0.5 micro meter.

Pressure drop – the resistance air is subjected to as it moves through a medium, such as a respirator filter.